

RECEIVED PTO 03/09/06

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	Confirmation No.:
Dirk MEIER et al	)	Art Unit:
I. A. No.: PCT/IL2004/000381	)	Examiner:
I. A. Filing Date: 05/06/2004	)	Washington, D.C.
Filed:	)	March 9, 2006
For: MODULAR RADIATION	)	Atty. Docket: MEIER=9
DETECTOR WITH...	)	

**INFORMATION DISCLOSURE STATEMENT [IDS]**

Customer Service Window, Mail Stop Amendment  
Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Randolph Building  
401 Dulany Street  
Alexandria, Virginia 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1.This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

2.In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

3. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

4. Other information being provided for the examiner's consideration follows:

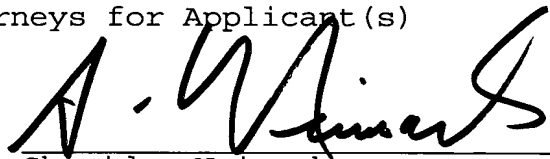
*International Search Report of July 28, 2004*

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

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**Complete if Known**

Application Number	PCT/IL2004/000381
I.A. Filing Date	May 6, 2004
First Named Inventor	Dirk MEIER et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	MEIER=9

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-6,509,565 B2	01-21-2003	Nygard et al	
	AB	US-6,510,195 B1	01-21-2003	Chappo et al	
	AC	US-6,521,894 B1	02-18-2003	Iwanczyk et al	
	AD	US-6,359,282 B1	03-19-2002	William D. Sekela	
	AE	US-6,078,052	06-20-2000	Frank P. DiFilippo	
	AF	US-6,087,663	07-11-2000	Moisan et al	
	AG	US-6,114,703	09-05-2000	Levin et al	
	AH	US-5,773,829	06-30-1998	Iwanczyk et al	
	AI	US-4,939,464	07-03-1990	Bruce E. Hammer	
	AJ	US-4,879,465	11-07-1989	Persyk et al	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AK	WO 03/075555 A1	09-12-2003	MIKKELSEN, Sindre; ORSKAUG, Terje		
	AL	GB 2 244 328 A	11-27-1991	General Electric Company		

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Considered

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STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 2

**Complete if Known**

Application Number	PCT/IL2004/000381
Filing Date	May 6, 2004
First Named Inventor	Dirk MEIER et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	MEIER=9

**NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AM	C. Moisan et al "Segmented LSO Crystals for Depth of Interaction Encoding in PET", IEEE, Nucl. Sci. Symp. 1997, 1112-1116, Vol. 2,	
	AN	R.S. Miyaoka et al, "Design of Depth of Interaction PET Detector Module", IEEE, Trans. Nucl. Sci., 1998, 1069-1073, Vol. 45, No. 3.	
	AO	W.W. Moses et al, "Performance of a PET Detector Module Utilizing an Array of Silicon Photodiodes to Identify the Crystal of Interaction", IEEE, Trans. Nucl. Sci. 1993, 1036-1040, Vol. 40, No. 3	
	AP	M. H. Huber et al, "Characterization of a 64 Channel PET Detector using Photodiodes for Crystal Identification", IEEE, Trans. Nucl. Sci. 1993, 1197-1201, Vol. 44, No. 3	
	AQ	D. J. Krus et al, "Precision Linear and two-dimensional Scintillation Crystal Arrays for x-ray and gamma-ray Imaging Applications", SIPE Int. Symp. Opt. Sci. 1999, 183-194, Vol. 3768	
	AR	S.E. Derenzo et al, "The Quest for the Ideal Inorganic Scintillator", Nucl. Instr. Meth., 2002, 111-117,	
	AS	K.S. Shah et al, "LaBr3:Ce Scintillator for Gamma Ray Spectroscopy", IEEE, Trans. Nucl. Sci., 2002, pre-print LBNL-51793	
	AT	R. Hartmann et al, "Ultrathin Entrance Windows for Silicon Drift Detectors", Nucl. Instr. Meth., 1997, 250-254, A 387	
	AU	N.H. Clinthorne et al, "Very High Resolution Animal PET", Soc. Nucl. Med., June 3-7 2000, 47 <sup>th</sup> Annual Meeting, St. Louis MO	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.